

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|--------------------|------------------|---------|------------------|
| S1 | 49 | ("5282714" "6050578" "6002095" "4532554" "5383113" "5875435" "4572225" "6209842" "6209842" "6243618" "4622461" "5473540" "5570270" "5642290" "6370152" "6529569" "6397355" "4384732" "5625534" "5777845" "5263147" "4884199" "5751849" "5893910" "5003307" "5016009" "5414425" "5438576" "5463390" "5506580" "5614899" "5864479" "5881168" "6041178" "6317592" "6343378" "6523101" "5477286" "5781189" "5671110" "5908344" "6113457" "5241594" "5663721" "5237614" "6542933" "5222908" "5389924" "5742777" "5813007").pn. | US-PGPUB; USPAT | OR | OFF | 2004/08/09 07:50 |
| S2 | 50 | ("5842138" "6311104" "6393569" "5515305" "5509123" "5201047" "4633452" "5289581" "5581766" "6247126" "6195350" "6381324" "6029104" "4275271" "5386913" "5640000" "5721715" "5724606" "5808470" "5822182" "5924055" "5978217" "5984193" "6057873" "6199765" "6327515" "6476351" "6327514" "6385769" "5786815" "6338082" "5793369" "6125375" "5644692" "5922059" "6292830" "5838458" "6138237" "5485614" "5530892" "5577205" "5581740" "5768750" "5887164" "5946469" "5948087" "6035356" "6202199" "4526394" "4269242").pn. | US-PGPUB; USPAT | OR | OFF | 2004/08/09 07:51 |
| S3 | 28277 | error adj (code\$2 or messag\$3) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 07:51 |

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|----|----|--|--------------------|----|-----|------------------|
| S4 | 99 | (("5842138" "6311104" "6393569" "5515305" "5509123" "5201047" "4633452" "5289581" "5581766" "6247126" "6195350" "6381324" "6029104" "4275271" "5386913" "5640000" "5721715" "5724606" "5808470" "5822182" "5924055" "5978217" "5984193" "6057873" "6199765" "6327515" "6476351" "6327514" "6385769" "5786815" "6338082" "5793369" "6125375" "5644692" "5922059" "6292830" "5838458" "6138237" "5485614" "5530892" "5577205" "5581740" "5768750" "5887164" "5946469" "5948087" "6035356" "6202199" "4526394" "4269242").pn.) or (("5282714" "6050578" "6002095" "4532554" "5383113" "5875435" "4572225" "6209842" "6209842" "6243618" "4622461" "5473540" "5570270" "5642290" "6370152" "6529569" "6397355" "4384732" "5625534" "5777845" "5263147" "4884199" "5751849" "5893910" "5003307" "5016009" "5414425" "5438576" "5463390" "5506580" "5614899" "5864479" "5881168" "6041178" "6317592" "6343378" "6523101" "5477286" "5781189" "5671110" "5908344" "6113457" "5241594" "5663721" "5237614" "6542933" "5222908" "5389924" "5742777" "5813007").pn.) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 07:51 |
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|-----|---------|--|------------------------------|----|-----|------------------|
| S5 | 9 | (error adj (code\$2 or messag\$3)) and (((("5842138" "6311104" "6393569" "5515305" "5509123" "5201047" "4633452" "5289581" "5581766" "6247126" "6195350" "6381324" "6029104" "4275271" "5386913" "5640000" "5721715" "5724606" "5808470" "5822182" "5924055" "5978217" "5984193" "6057873" "6199765" "6327515" "6476351" "6327514" "6385769" "5786815" "6338082" "5793369" "6125375" "5644692" "5922059" "6292830" "5838458" "6138237" "5485614" "5530892" "5577205" "5581740" "5768750" "5887164" "5946469" "5948087" "6035356" "6202199" "4526394" "4269242"). pn.) or ((("5282714" "6050578" "6002095" "4532554" "5383113" "5875435" "4572225" "6209842" "6209842" "6243618" "4622461" "5473540" "5570270" "5642290" "6370152" "6529569" "6397355" "4384732" "5625534" "5777845" "5263147" "4884199" "5751849" "5893910" "5003307" "5016009" "5414425" "5438576" "5463390" "5506580" "5614899" "5864479" "5881168" "6041178" "6317592" "6343378" "6523101" "5477286" "5781189" "5671110" "5908344" "6113457" "5241594" "5663721" "5237614" "6542933" "5222908" "5389924" "5742777" "5813007"). pn.)) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 08:12 |
| S6 | 233 | (714/49).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/06 06:50 |
| S7 | 699 | (714/48).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/08/09 08:12 |
| S8 | 407 | (714/46).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/08/09 08:12 |
| S9 | 1289 | ((714/46).CCLS.) or ((714/48).CCLS.) or ((714/49).CCLS.) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 08:13 |
| S10 | 0 | ((((714/46).CCLS.) or ((714/48).CCLS.) or ((714/49).CCLS.)) and (chassis adj code\$2) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 08:13 |
| S11 | 3858921 | display\$3 or show\$3 | US-PGPUB; USPAT | OR | OFF | 2004/08/09 08:25 |

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|-----|--------|---|--------------------|----|-----|------------------|
| S12 | 55158 | English\$3 | US-PGPUB; USPAT | OR | OFF | 2004/08/09 08:26 |
| S13 | 5 | (US-5644692-\$ or US-6684343-\$ or US-4010356-\$ or US-6061699-\$).did. or (US-20040107383-\$).did. | US-PGPUB; USPAT | OR | OFF | 2004/08/09 08:59 |
| S14 | 57382 | chassis | US-PGPUB; USPAT | OR | OFF | 2004/08/09 08:59 |
| S15 | 2 | ((US-5644692-\$ or US-6684343-\$ or US-4010356-\$ or US-6061699-\$).did. or (US-20040107383-\$).did.) and chassis | US-PGPUB; USPAT | OR | OFF | 2004/08/09 08:59 |
| S16 | 4 | (US-5644692-\$ or US-6684343-\$ or US-4010356-\$).did. or (US-20040107383-\$).did. | US-PGPUB; USPAT | OR | OFF | 2004/08/09 10:02 |
| S17 | 5652 | text adj string\$2 | US-PGPUB; USPAT | OR | OFF | 2004/08/09 10:02 |
| S18 | 0 | ((US-5644692-\$ or US-6684343-\$ or US-4010356-\$).did. or (US-20040107383-\$).did.) and (text adj string\$2) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 10:03 |
| S19 | 44 | (analyz\$3 or process\$3) adj text adj string\$2 | US-PGPUB; USPAT | OR | OFF | 2004/08/09 10:03 |
| S20 | 50 | ((display\$3 or show\$3) near3 (error adj (code\$2 or messag\$3))) same English\$3 | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:26 |
| S21 | 0 | ((display\$3 or show\$3) near3 (error adj (code\$2 or messag\$3))) same English\$3) and (extract\$3 near3 (text adj string\$2)) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:27 |
| S22 | 86 | extract\$3 near3 (text adj string\$2) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:42 |
| S23 | 11295 | system adj (code\$2 or message\$2) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:28 |
| S24 | 4 | (extract\$3 near3 (text adj string\$2)) and (system adj (code\$2 or message\$2)) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:28 |
| S25 | 872556 | analyz\$3 OR interpret\$3 or evaluat\$3 | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:29 |
| S26 | 440 | (system adj (code\$2 or message\$2)) same (analyz\$3 OR interpret\$3 or evaluat\$3) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:29 |
| S27 | 57382 | chassis | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:29 |

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|-----|--------|--|--------------------|----|-----|------------------|
| S28 | 31 | ((system adj (code\$2 or message\$2)) same (analyz\$3 OR interpret\$3 or evaluat\$3)) and chassis | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:29 |
| S29 | 10 | chassis adj code\$2 | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:17 |
| S30 | 555972 | print\$3 | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:38 |
| S31 | 2 | print\$3 near5 (chassis adj code\$2) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:39 |
| S32 | 5 | print\$3 same (chassis adj code\$2) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:40 |
| S33 | 483364 | paper | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:41 |
| S34 | 0 | paper near5 (chassis adj code\$2) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:41 |
| S35 | 0 | paper same (chassis adj code\$2) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:41 |
| S36 | 587240 | extract\$4 | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:42 |
| S37 | 112 | extract\$3 near3 ((text adj string\$2) or (message adj (code or string))) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:43 |
| S38 | 430521 | error | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:43 |
| S39 | 5 | (extract\$3 near3 ((text adj string\$2) or (message adj (code or string)))) same error | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:43 |
| S40 | 6 | (US-5644692-\$ or US-6684343-\$ or US-4010356-\$ or US-5724503-\$).did. or (US-20040107383-\$ or US-20020188688-\$).did. | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:44 |
| S41 | 0 | paper and ((US-5644692-\$ or US-6684343-\$ or US-4010356-\$ or US-5724503-\$).did. or (US-20040107383-\$ or US-20020188688-\$).did.) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:45 |
| S42 | 164333 | printer | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:45 |
| S43 | 2 | ((US-5644692-\$ or US-6684343-\$ or US-4010356-\$ or US-5724503-\$).did. or (US-20040107383-\$ or US-20020188688-\$).did.) and printer | US-PGPUB; USPAT | OR | OFF | 2004/08/09 12:45 |
| S44 | 16 | pars\$3 adj sequentially | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:00 |

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|-----|---------|--|-----------------|----|-----|------------------|
| S45 | 139 | pars\$3 same sequential\$2 same text | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:00 |
| S46 | 7 | (US-5644692-\$ or US-6684343-\$ or US-4010356-\$ or US-5724503-\$).did. or (US-20040107383-\$ or US-20020188688-\$ or US-20020078349-\$).did. | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:06 |
| S47 | 794177 | details | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:06 |
| S48 | 6 | ((US-5644692-\$ or US-6684343-\$ or US-4010356-\$ or US-5724503-\$).did. or (US-20040107383-\$ or US-20020188688-\$ or US-20020078349-\$).did.) and details | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:06 |
| S49 | 3369369 | detail\$3 or specific\$3 or indepth or in-depth | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:10 |
| S50 | 10 | (chassis adj code\$2) and (detail\$3 or specific\$3 or indepth or in-depth) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:10 |
| S51 | 6 | (chassis adj code\$2) same (detail\$3 or specific\$3 or indepth or in-depth) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:12 |
| S52 | 457468 | program | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:12 |
| S53 | 6 | ((US-5644692-\$ or US-6684343-\$ or US-4010356-\$ or US-5724503-\$).did. or (US-20040107383-\$ or US-20020188688-\$ or US-20020078349-\$).did.) and program | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:14 |
| S54 | 941 | program same chassis | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:14 |
| S55 | 0 | ((US-5644692-\$ or US-6684343-\$ or US-4010356-\$ or US-5724503-\$).did. or (US-20040107383-\$ or US-20020188688-\$ or US-20020078349-\$).did.) and (program same chassis) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:14 |
| S56 | 2 | program same (chassis adj code\$2) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:15 |
| S57 | 0 | program same (chassis adj log\$2) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:15 |
| S58 | 2138 | program same argument | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:15 |

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| S59 | 7151 | error adj code | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:15 |
| S60 | 13 | (program same argument) same (error adj code) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:15 |
| S61 | 28 | chassis adj log\$2 | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:17 |
| S62 | 3 | (program same argument) and (chassis adj log\$2) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:18 |
| S63 | 7 | (US-5644692-\$ or US-6684343-\$ or US-4010356-\$ or US-5724503-\$).did. or (US-20040107383-\$ or US-20020188688-\$ or US-20020078349-\$).did. | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:30 |
| S64 | 257758 | printing | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:27 |
| S65 | 0 | ((US-5644692-\$ or US-6684343-\$ or US-4010356-\$ or US-5724503-\$).did. or (US-20040107383-\$ or US-20020188688-\$ or US-20020078349-\$).did.) and printing | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:27 |
| S66 | 336766 | printed | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:27 |
| S67 | 1 | ((US-5644692-\$ or US-6684343-\$ or US-4010356-\$ or US-5724503-\$).did. or (US-20040107383-\$ or US-20020188688-\$ or US-20020078349-\$).did.) and printed | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:27 |
| S68 | 498400 | paper or fax | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:27 |
| S69 | 0 | (paper or fax) and ((US-5644692-\$ or US-6684343-\$ or US-4010356-\$ or US-5724503-\$).did. or (US-20040107383-\$ or US-20020188688-\$ or US-20020078349-\$).did.) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:28 |
| S70 | 83 | extract\$3 near3 (error adj (message\$1 or code\$1)) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:36 |
| S71 | 1358 | extract\$3 near3 (event) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:36 |
| S72 | 4625 | text adj string | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:36 |
| S73 | 1 | (extract\$3 near3 (event)) same (text adj string) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:36 |

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|-----|--------|---|-----------------|----|-----|------------------|
| S74 | 9 | (US-5644692-\$ or US-6684343-\$ or US-4010356-\$ or US-5724503-\$ or US-5519830-\$).did. or (US-20040107383-\$ or US-20020188688-\$ or US-20020078349-\$ or US-20020143575-\$).did. | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:44 |
| S75 | 33233 | GUI or (graphical adj user adj interface) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:52 |
| S76 | 0 | ((US-5644692-\$ or US-6684343-\$ or US-4010356-\$ or US-5724503-\$ or US-5519830-\$).did. or (US-20040107383-\$ or US-20020188688-\$ or US-20020078349-\$ or US-20020143575-\$).did.) and (GUI or (graphical adj user adj interface)) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:42 |
| S77 | 36962 | graphical same interface | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:42 |
| S78 | 0 | ((US-5644692-\$ or US-6684343-\$ or US-4010356-\$ or US-5724503-\$ or US-5519830-\$).did. or (US-20040107383-\$ or US-20020188688-\$ or US-20020078349-\$ or US-20020143575-\$).did.) and (graphical same interface) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:42 |
| S79 | 576996 | interface | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:42 |
| S80 | 8 | ((US-5644692-\$ or US-6684343-\$ or US-4010356-\$ or US-5724503-\$ or US-5519830-\$).did. or (US-20040107383-\$ or US-20020188688-\$ or US-20020078349-\$ or US-20020143575-\$).did.) and interface | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:42 |
| S81 | 621 | message adj log | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:45 |
| S82 | 6 | (graphical same interface) same (message adj log) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:45 |
| S83 | 180 | (graphical same interface) and (message adj log) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:46 |
| S84 | 1569 | error adj log | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:46 |
| S85 | 290 | (graphical same interface) and (error adj log) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:46 |
| S86 | 12 | (graphical same interface) same (error adj log) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:46 |

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| S87 | 21 | (GUI or (graphical adj user adj interface)) same (error adj log) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:52 |
| S88 | 59 | ((graphical adj user adj interface) or GUI) same (event adj log) | US-PGPUB; USPAT | OR | OFF | 2004/08/09 13:53 |
| S89 | 5009 | bootup or (boot adj up) or boot-up | US-PGPUB; USPAT | OR | OFF | 2005/06/28 07:30 |
| S90 | 239367 | message\$1 | US-PGPUB; USPAT | OR | OFF | 2005/06/28 07:36 |
| S91 | 64674 | English | US-PGPUB; USPAT | OR | OFF | 2005/06/28 07:30 |
| S92 | 123 | S89 with S90 | US-PGPUB; USPAT | OR | OFF | 2005/06/28 07:39 |
| S93 | 0 | S91 same S92 | US-PGPUB; USPAT | OR | OFF | 2005/06/28 07:30 |
| S94 | 479961 | analyz\$5 | US-PGPUB; USPAT | OR | OFF | 2005/06/28 07:36 |
| S95 | 6883 | S94 with S90 | US-PGPUB; USPAT | OR | OFF | 2005/06/28 07:37 |
| S96 | 0 | S89 with S95 | US-PGPUB; USPAT | OR | OFF | 2005/06/28 07:37 |
| S97 | 4 | S89 same S95 | US-PGPUB; USPAT | OR | OFF | 2005/06/28 07:37 |
| S98 | 190706 | the | US-PGPUB; USPAT | OR | OFF | 2005/06/28 07:39 |
| S99 | 2223 | error adj log\$1 | US-PGPUB; USPAT | OR | OFF | 2005/06/28 13:42 |
| S10 0 | 1965716 | text | US-PGPUB; USPAT | OR | OFF | 2005/06/28 13:42 |
| S10 1 | 71 | S99 with S100 | US-PGPUB; USPAT | OR | OFF | 2005/06/28 13:42 |
| S10 2 | 64674 | English | US-PGPUB; USPAT | OR | OFF | 2005/06/28 13:43 |
| S10 3 | 64674 | I\$ same S102 | US-PGPUB; USPAT | OR | OFF | 2005/06/28 13:43 |
| S10 4 | 1 | S101 same S102 | US-PGPUB; USPAT | OR | OFF | 2005/06/28 13:43 |
| S10 5 | 19 | S99 same S102 | US-PGPUB; USPAT | OR | OFF | 2005/06/28 13:43 |
| S10 6 | 30 | cmos same (bios with error\$1) | US-PGPUB; USPAT | OR | OFF | 2005/07/05 16:22 |
| S10 7 | 155801 | log\$1 | US-PGPUB; USPAT | OR | OFF | 2005/07/05 16:22 |
| S10 8 | 64888 | english | US-PGPUB; USPAT | OR | OFF | 2005/07/05 16:22 |
| S10 9 | 3 | S106 and S107 | US-PGPUB; USPAT | OR | OFF | 2005/07/05 16:31 |

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|----------|--------|---|------------------------------|----|-----|------------------|
| S11 0 | 0 | S108 and S109 | US-PGPUB; USPAT | OR | OFF | 2005/07/05 16:22 |
| S11 1 | 20 | text adj string\$1 same error\$1 same English | US-PGPUB; USPAT | OR | OFF | 2005/07/05 16:32 |
| S11 2 | 62838 | pars\$3 | US-PGPUB; USPAT | OR | OFF | 2005/07/06 06:32 |
| S11 3 | 62893 | process\$3 with sequentially | US-PGPUB; USPAT | OR | OFF | 2005/07/06 06:32 |
| S11 4 | 227659 | exception\$1 | US-PGPUB; USPAT | OR | OFF | 2005/07/06 06:32 |
| S11 5 | 0 | S112 same S113 same S114 | US-PGPUB; USPAT | OR | OFF | 2005/07/06 06:32 |
| S11 6 | 35 | S112 same S113 and S114 | US-PGPUB; USPAT | OR | OFF | 2005/07/06 06:37 |
| S11 7 | 487 | exception\$1 adj code\$1 | US-PGPUB; USPAT | OR | OFF | 2005/07/06 06:37 |
| S11 8 | 153555 | statement\$1 | US-PGPUB; USPAT | OR | OFF | 2005/07/06 06:37 |
| S11 9 | 634907 | print\$3 | US-PGPUB; USPAT | OR | OFF | 2005/07/06 06:37 |
| S12 0 | 2638 | S118 with S119 | US-PGPUB; USPAT | OR | OFF | 2005/07/06 06:37 |
| S12 1 | 2 | S117 same S120 | US-PGPUB; USPAT | OR | OFF | 2005/07/06 06:38 |
| S12 2 | 4 | S117 and S120 | US-PGPUB; USPAT | OR | OFF | 2005/07/06 06:38 |
| S12 3 | 12 | S117 same S119 | US-PGPUB; USPAT | OR | OFF | 2005/07/06 06:38 |
| S12 4 | 13 | (US-20020078349-\$ or US-20020143575-\$ or US-20020188688-\$ or US-20040107383-\$).did. or (US-4010356-\$ or US-5504905-\$ or US-5519830-\$ or US-5644692-\$ or US-5724503-\$ or US-5978912-\$ or US-6338149-\$ or US-6524245-\$ or US-6684343-\$).did. | US-PGPUB; USPAT | OR | OFF | 2005/07/06 06:39 |
| S12 5 | 7 | S119 and S124 | US-PGPUB; USPAT | OR | OFF | 2005/07/06 06:39 |
| S12 6 | 1 | ("20030028556").PN. | US-PGPUB; USPAT | OR | OFF | 2005/07/06 06:44 |
| S12 7 | 425 | (714/37).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/06 06:50 |
| S12 8 | 852 | (714/48).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/06 06:50 |

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Daniel C. Swinehart, Polle T. Zellweger, Richard J. Beach, Robert B. Hagmann

August 1986 **ACM Transactions on Programming Languages and Systems (TOPLAS)**,

Volume 8 Issue 4

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This paper presents an overview of the Cedar programming environment, focusing on its overall structure—that is, the major components of Cedar and the way they are organized. Cedar supports the development of programs written in a single programming language, also called Cedar. Its primary purpose is to increase the productivity of programmers whose activities include experimental programming and the development of prototype software systems for a high-performance personal computer. T ...

3 [Load balancing, selection sorting on the hypercube](#)

C. G. Plaxton

March 1989 **Proceedings of the first annual ACM symposium on Parallel algorithms and architectures**

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C. S. Wetherell

April 1982 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 4 Issue 2

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Gene McDaniel

August 1982 **ACM SIGMETRICS Performance Evaluation Review , Proceedings of the 1982 ACM SIGMETRICS conference on Measurement and modeling of computer systems**, Volume 12 Issue 3

Full text available:  pdf(626.31 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The Spy is a performance evaluation tool for the Mesa environment that uses a new extension to the PC sampling technique. The data collection process can use information in the run time call stack to determine what code is responsible for the resources being consumed. The Spy avoids perturbing the user environment when it executes, provides symbolic output at the source-language level, and can be used without recompiling the program to be examined. Depending upon how much complication the use ...

Keywords: high level language performance debugging, pc sampling, performance analysis

6 [Reviving systems programming](#)

J. L. Wolfe

March 1992 **ACM SIGCSE Bulletin , Proceedings of the twenty-third SIGCSE technical symposium on Computer science education**, Volume 24 Issue 1

Full text available:  pdf(448.46 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper describes how a systems programming course, which was losing popularity with students and which no longer fit into the curriculum, was revised so that it made a contribution to the overall program. The principal changes were to replace a large, well-worn project with a collection of small challenges and to alter radically the content, presentation, support, and grading of these challenges (in comparison to typical assignments). The resulting course amalgamates traditional systems ...

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